



## Linea SM

### LINEA SM | DALI SERIES

LINEA SM Individual Lens is a versatile luminaire, creates a mellow ambient, pleasant light, appropriate for office environments in particular.

Linea SM Individual Lens has several series, determined by various add-on and controls:

- Linea SM Individual Lens Non-DALI: the standard for any project in the retail sector
- Linea SM Individual Lens DALI: with DALI controls for illumination adjustments

### FEATURES & BENEFITS

- CRI 90 as standard
- Color temperatures: 3000K and 4000K
- Angle: 15°, 24°, 38° and 55°

### APPLICATION

Grocery & Supermarket | Retail | Art & Exhibition



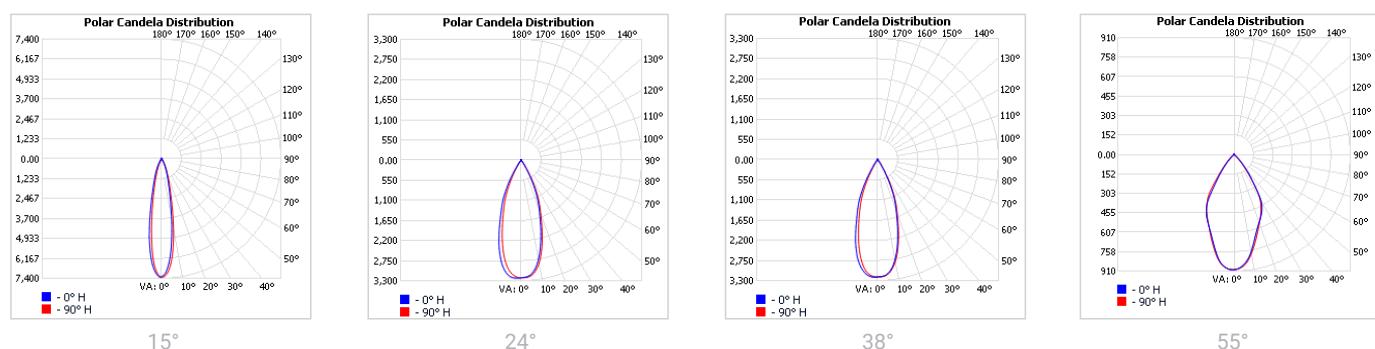
## SPECIFICATIONS

Power consumption	20W
Dimensions	323x80x34±1mm
Weight	0.65 Kg
Housing materials	Aluminium, glass
IK code	IK02
THD (at 230V, 50Hz, Full load)	≤ 15
Protection class	Safety class 1
AC Input [Vac]	220 - 240 VAC
Power factor	0.96
Current ripple	≤ 3%
Lens angle [°]	15°, 24°, 38°, 55°
Lifespan [h]	50.000
Housing color	○ RAL 9003 - Signal white, ● RAL 9005 - Jet Black, ● RAL 9006 - White Aluminium
Lumen maintenance	L90/B10@50.000h at 25°C
Operating temperature [°C]	-20°C ... +45°C / -4F ... +113F
Storage temperature range [°C]	-10°C ... +45°C / +14F ... +113F
Operating humidity [%]	10 ÷ 85
IP factor	IP20
Control optional	DALI
Warranty [years]	5

Application	Standard
CRI	CRI 90
CCT [K]	3000K/4000K
MacAdam	3

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

## LIGHT DISTRIBUTION



**TOLERANCES****Luminous flux tolerances:** -/+ 5%**Consumption tolerance:** -/+ 5% for Non-DALI | -/+ 10% for Non-DALI & KIT EM | -/+ 10% for DALI | -/+ 15% for DALI & KIT EM**BATTERY WARRANTY****Non-DALI EM & DALI EM:** 12 months warranty**Non-DALI & DALI:** -**MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT**

Luminaire Power(W)	Control type	Circuit Breaker Type			
		B		C	
		16	10	16	10
20W	DALI	50	-	-	-

**RISK GROUP**

<b>Standard (CRI80)</b>	RG1	<b>RG1</b>	
<b>FOOD (BVF, FBS, FSM)</b>	RG1	The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.	
<b>FOOD ≤35W (FZM, FSH)</b>	RG1		
<b>FOOD &gt;35W (FZM, FSH)</b>	RG2		
<b>FAS</b>	RG1		
<b>AMB2200</b>	RG1		
<b>ART</b>	RG1		
<b>AGI</b>	RG1	<b>RG2</b>	
<b>CRI90</b>	RG1	The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.	
<b>CRI95</b>	RG1		
<b>ENT</b>	RG1		

## SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
<b>CRI 90</b>						
2G7008 Linea SM C3-1112/3000/20W/90/A15	323x80x34±1mm	3000K	1275	20W	64	15°
2G7009 Linea SM C3-1112/4000/20W/90/A15	323x80x34±1mm	4000K	1275	20W	64	15°
2G7010 Linea SM C3-1112/3000/20W/90/A24	323x80x34±1mm	3000K	1440	20W	72	24°
2G7011 Linea SM C3-1112/4000/20W/90/A24	323x80x34±1mm	4000K	1440	20W	72	24°
2G7012 Linea SM C3-1112/3000/20W/90/A38	323x80x34±1mm	3000K	1445	20W	73	38°
2G7013 Linea SM C3-1112/4000/20W/90/A38	323x80x34±1mm	4000K	1445	20W	73	38°
2G7014 Linea SM C3-1112/3000/20W/90/A55	323x80x34±1mm	3000K	1445	20W	73	55°
2G7015 Linea SM C3-1112/4000/20W/90/A55	323x80x34±1mm	4000K	1445	20W	73	55°